

	Type	Hits	Search Text
1	IS&R	537	(361/154).CCLS.
2	IS&R	0	("stator near phase\$1").PN.
3	IS&R	0	("stator and phase\$1").PN.
4	IS&R	0	("stator").PN.
5	BRS	3370	stator near phase
6	BRS	590	(stator near phase) same second
7	BRS	21148	stator same phase
8	BRS	3995	(stator same phase) same second
9	BRS	343	((stator same phase) same second) same fourth
10	BRS	6	((stator same phase) same second) same fourth same valve
11	BRS	22392	valve same rotor
12	BRS	2	5964192.pn.

	<b>DBs</b>	<b>Time Stamp</b>	<b>Comments</b>	<b>Error Definition</b>
1	<b>USPAT; US-P PUB; EP ; JP ; DERWENT; IBM_TDB</b>	<b>2002/07/16 16:53</b>		
2	<b>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</b>	<b>2002/07/16 16:55</b>		
3	<b>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</b>	<b>2002/07/16 16:55</b>		
4	<b>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</b>	<b>2002/07/16 16:55</b>		
5	<b>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</b>	<b>2002/07/16 16:57</b>		
6	<b>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</b>	<b>2002/07/16 16:57</b>		
7	<b>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</b>	<b>2002/07/16 16:58</b>		
8	<b>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</b>	<b>2002/07/16 16:58</b>		
9	<b>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</b>	<b>2002/07/16 17:13</b>		
10	<b>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</b>	<b>2002/07/16 17:15</b>		
11	<b>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</b>	<b>2002/07/16 17:15</b>		
12	<b>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</b>	<b>2002/07/17 14:38</b>		

	Type	Hits	Search Text
13	BRS	3	<b>4452423.pn.</b>
14	BRS	3	<b>5832944.pn.</b>
15	BRS	3	<b>5318064.pn.</b>
16	BRS	3	<b>5485760.pn.</b>
17	BRS	3	<b>5094426.pn.</b>
18	BRS	2	<b>6224034.pn.</b>
19	BRS	3	<b>5427352.pn.</b>
20	BRS	3	<b>5377952.pn.</b>
21	BRS	3	<b>5370355.pn.</b>
22	BRS	3	<b>5351935.pn.</b>
23	BRS	3	<b>4480614.pn.</b>
24	BRS	3	<b>3700085.pn.</b>

	<b>DBs</b>	<b>Time Stamp</b>	<b>Comments</b>	<b>Error Definition</b>
13	<b>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</b>	<b>2002/07/17 14:40</b>		
14	<b>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</b>	<b>2002/07/17 14:44</b>		
15	<b>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</b>	<b>2002/07/17 14:46</b>		
16	<b>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</b>	<b>2002/07/17 14:47</b>		
17	<b>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</b>	<b>2002/07/17 14:48</b>		
18	<b>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</b>	<b>2002/07/17 15:16</b>		
19	<b>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</b>	<b>2002/07/17 15:17</b>		
20	<b>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</b>	<b>2002/07/17 15:18</b>		
21	<b>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</b>	<b>2002/07/17 15:19</b>		
22	<b>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</b>	<b>2002/07/17 15:21</b>		
23	<b>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</b>	<b>2002/07/17 15:24</b>		
24	<b>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</b>	<b>2002/07/17 16:14</b>		

	Type	Hits	Search Text
25	BRS	2	"9732282"
26	IS&R	2	("9732282").PN.
27	IS&R	0	("John and Michael and miller").PN.
28	BRS	3650	<b>John and Michael and miller</b>
29	BRS	0	<b>John adj Michael adj miller</b>
30	BRS	580311	(miller, john michael).in.
31	BRS	522897	<b>miller, john .in.</b>
32	BRS	980	<b>miller adj john .in.</b>
33	BRS	70	<b>miller adj john adj m.in.</b>
34	BRS	35	<b>miller adj john adj michael.in.</b>
35	BRS	1790	<b>breaking near current</b>
36	BRS	176	<b>(breaking n ar curr nt) same coil</b>

	<b>DBs</b>	<b>Time Stamp</b>	<b>Comments</b>	<b>Error Definition</b>
25	<b>USPAT; US-PGPUB; EP ; JPO; DERWENT; IBM_TDB</b>	<b>2002/07/17 16:16</b>		
26	<b>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</b>	<b>2002/07/17 16:17</b>		
27	<b>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</b>	<b>2002/07/17 16:18</b>		
28	<b>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</b>	<b>2002/07/17 16:20</b>		
29	<b>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</b>	<b>2002/07/17 16:20</b>		
30	<b>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</b>	<b>2002/07/17 16:22</b>		
31	<b>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</b>	<b>2002/07/17 16:23</b>		
32	<b>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</b>	<b>2002/07/17 16:23</b>		
33	<b>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</b>	<b>2002/07/17 16:35</b>		
34	<b>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</b>	<b>2002/07/17 16:36</b>		
35	<b>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</b>	<b>2002/07/22 09:52</b>		
36	<b>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</b>	<b>2002/07/22 09:53</b>		

	Type	Hits	Search Text
37	BRS	0	(br aking near curr nt) same BEMF
38	BRS	0	(breaking near current) same cEMF
39	BRS	130	cEMF
40	BRS	0	cEMF and bemf
41	BRS	307	bemf
42	BRS	0	318/86,87,88,89
43	BRS	0	318/86,87,88,89.ccls
44	BRS	142	318/86
45	BRS	301	318/87
46	BRS	53	318/87 and regenerat\$3
47	BRS	72	318/88
48	BRS	0	318/88 and r gen r

	<b>DBs</b>	<b>Time Stamp</b>	<b>C mments</b>	<b>Error Definition</b>
37	<b>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</b>	<b>2002/07/18 13:31</b>		
38	<b>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</b>	<b>2002/07/18 13:31</b>		
39	<b>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</b>	<b>2002/07/18 13:33</b>		
40	<b>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</b>	<b>2002/07/18 13:34</b>		
41	<b>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</b>	<b>2002/07/18 14:09</b>		
42	<b>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</b>	<b>2002/07/18 14:10</b>		
43	<b>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</b>	<b>2002/07/18 14:10</b>		
44	<b>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</b>	<b>2002/07/18 15:03</b>		
45	<b>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</b>	<b>2002/07/18 15:30</b>		
46	<b>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</b>	<b>2002/07/18 15:04</b>		
47	<b>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</b>	<b>2002/07/18 15:30</b>		
48	<b>USPAT; US-PGPUB; EPO; JP ; DERWENT; IBM_TDB</b>	<b>2002/07/18 15:30</b>		

	Type	Hits	Search Text
49	BRS	11	<b>318/88 and r g nerat\$3</b>
50	BRS	14	<b>318/89 and regenerat\$3</b>
51	BRS	73	<b>318/89</b>
52	BRS	14	<b>318/89 and regenerat\$3</b>
53	BRS	4	<b>(breaking near current) and invertor</b>
54	BRS	666	<b>valve and control and invertor</b>
55	BRS	174	<b>valve and control and invertor and engine</b>

	<b>DBs</b>	<b>Time Stamp</b>	<b>Comments</b>	<b>Error Definition</b>
49	<b>USPAT; US-PGPUB; EP ; JPO; DERWENT; IBM_TDB</b>	<b>2002/07/18 15:49</b>		
50	<b>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</b>	<b>2002/07/18 15:50</b>		
51	<b>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</b>	<b>2002/07/18 15:50</b>		
52	<b>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</b>	<b>2002/07/18 15:50</b>		
53	<b>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</b>	<b>2002/07/22 09:54</b>		
54	<b>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</b>	<b>2002/07/22 09:56</b>		
55	<b>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</b>	<b>2002/07/22 09:56</b>		

	<b>U</b>	<b>1</b>	<b>Document ID</b>	<b>Issue Date</b>	<b>Pages</b>
1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<b>US 20020069843 A1</b>	<b>20020613</b>	<b>18</b>
2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<b>US 20020069841 A1</b>	<b>20020613</b>	<b>18</b>
3	<input type="checkbox"/>	<input type="checkbox"/>	<b>US 6224034 B1</b>	<b>20010501</b>	<b>16</b>
4	<input type="checkbox"/>	<input type="checkbox"/>	<b>US 4480614 A</b>	<b>19841106</b>	<b>19</b>
5	<input type="checkbox"/>	<input type="checkbox"/>	<b>US 5964192 A</b>	<b>19991012</b>	<b>23</b>
6	<input type="checkbox"/>	<input type="checkbox"/>	<b>US 5318064 A</b>	<b>19940607</b>	<b>8</b>
7	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<b>US 20020067161 A1</b>	<b>20020606</b>	<b>18</b>
8	<input type="checkbox"/>	<input type="checkbox"/>	<b>US 5765513 A</b>	<b>19980616</b>	<b>7</b>
9	<input type="checkbox"/>	<input type="checkbox"/>	<b>US 5730091 A</b>	<b>19980324</b>	<b>7</b>
10	<input type="checkbox"/>	<input type="checkbox"/>	<b>US 5150020 A</b>	<b>19920922</b>	<b>8</b>
11	<input type="checkbox"/>	<input type="checkbox"/>	<b>US 4916367 A</b>	<b>19900410</b>	<b>12</b>

	<b>Title</b>	<b>Current OR</b>	<b>Current XRef</b>
<b>1</b>	<b>Electromechanical valve assembly for an internal combustion engine</b>	<b>123/90.11</b>	
<b>2</b>	<b>Electromechanical valve assembly for an internal combustion engine</b>	<b>123/90.11</b>	
<b>3</b>	<b>Control valve device</b>	<b>251/164</b>	<b>123/568.23; 251/129.11; 251/129.12; 251/129.13</b>
<b>4</b>	<b>Idling speed control device of an internal combustion engine</b>	<b>123/339.26</b>	<b>123/588; 251/129.12; 310/49R; 74/89.34</b>
<b>5</b>	<b>Electromagnetically operated valve control system and the method thereof</b>	<b>123/90.11</b>	<b>251/129.01</b>
<b>6</b>	<b>Motor-operated valve</b>	<b>137/487.5</b>	<b>251/129.11</b>
<b>7</b>	<b>POSITION SENSOR</b>	<b>324/207.13</b>	
<b>8</b>	<b>Electromechanically actuated valve</b>	<b>123/90.11</b>	<b>251/129.01; 251/129.16; 251/129.18</b>
<b>9</b>	<b>Soft landing electromechanically actuated engine valve</b>	<b>123/90.11</b>	<b>251/129.01; 251/129.16; 251/129.18</b>
<b>10</b>	<b>Driving controlling method for drums of automatic winder</b>	<b>318/87</b>	<b>318/91</b>
<b>11</b>	<b>Method of and apparatus for preventing scanning line deviation in a process scanner for a flatbed drum type</b>	<b>318/60</b>	<b>318/603; 318/625; 318/85; 355/47; 355/48</b>

	<b>Image D c. Displayed</b>	<b>PT</b>
<b>1</b>	<b>US 20020069843</b>	<input type="checkbox"/>
<b>2</b>	<b>US 20020069841</b>	<input type="checkbox"/>
<b>3</b>	<b>US 6224034</b>	<input type="checkbox"/>
<b>4</b>	<b>US 4480614</b>	<input type="checkbox"/>
<b>5</b>	<b>US 5964192</b>	<input type="checkbox"/>
<b>6</b>	<b>US 5318064</b>	<input type="checkbox"/>
<b>7</b>	<b>US 20020067161</b>	<input type="checkbox"/>
<b>8</b>	<b>US 5765513</b>	<input type="checkbox"/>
<b>9</b>	<b>US 5730091</b>	<input type="checkbox"/>
<b>10</b>	<b>US 5150020</b>	<input type="checkbox"/>
<b>11</b>	<b>US 4916367</b>	<input type="checkbox"/>

	<b>Retrieval Classif</b>	<b>Inventor</b>	<b>S</b>	<b>C</b>	<b>P</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
1		<b>Miller, John Michael</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2		<b>Miller, John Michael</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
3		<b>Kato, Yasuhiko et al.</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
4		<b>Kobashi, Mamoru et al.</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
5		<b>Ishii, Mitsunori</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
6		<b>Reinicke, Robert H.</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
7		<b>Miller, John Michael</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
8		<b>Diehl, Roy Edward et al.</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
9		<b>Diehl, Roy Edward et al.</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
10		<b>Ueda, Yutaka et al.</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
11		<b>Yamaguchi, Takuya et al.</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

	<b>U</b>	<b>1</b>	<b>Docum nt ID</b>	<b>Issue Date</b>	<b>Pag s</b>
<b>12</b>	<input type="checkbox"/>	<input type="checkbox"/>	<b>US 4733146 A</b>	<b>19880322</b>	<b>8</b>
<b>13</b>	<input type="checkbox"/>	<input type="checkbox"/>	<b>US 5497736 A</b>	<b>19960312</b>	<b>11</b>
<b>14</b>	<input type="checkbox"/>	<input type="checkbox"/>	<b>US 5460129 A</b>	<b>19951024</b>	<b>13</b>
<b>15</b>	<input type="checkbox"/>	<input type="checkbox"/>	<b>US 5456223 A</b>	<b>19951010</b>	<b>10</b>
<b>16</b>	<input type="checkbox"/>	<input type="checkbox"/>	<b>US 6175484 B1</b>	<b>20010116</b>	<b>13</b>

	<b>Title</b>	<b>Current R</b>	<b>Current XRef</b>
12	<b>Energy recovery system for cyclic drives</b>	388/847	318/373; 318/375; 318/376; 318/807; 363/137; 363/138; 388/811; 388/910; 388/915; 388/916; 388/917
13	<b>Electric actuator for rotary valve control of electrohydraulic valvetrain</b>	123/90.13	123/90.15; 123/90.24
14	<b>Method to reduce engine emissions due to misfire</b>	123/90.15	123/198F
15	<b>Electric actuator for spool valve control of electrohydraulic valvetrain</b>	123/90.12	123/90.11
16	<b>Energy recovery circuit configuration for solenoid injector driver circuits</b>	361/159	361/154

	<b>Retrieval Classif</b>	<b>Inv nt r</b>	<b>S</b>	<b>C</b>	<b>P</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
12		<b>Hamby, Russell S.</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
13		<b>Miller, John M. et al.</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
14		<b>Miller, John M. et al.</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
15		<b>Miller, John M. et al.</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
16	361/154	<b>Caruthers, Michael A. et al.</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	<b>Image D c. Displayed</b>	<b>PT</b>
12	<b>US 4733146</b>	<input type="checkbox"/>
13	<b>US 5497736</b>	<input type="checkbox"/>
14	<b>US 5460129</b>	<input type="checkbox"/>
15	<b>US 5456223</b>	<input type="checkbox"/>
16	<b>US 6175484</b>	<input type="checkbox"/>